1:4 VGA Hub

EXT-VGA-144
USER'S MANUAL

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Notice

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Rev X1

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INTRODUCTION

The 1:4 VGA Hub allows a computer with a VGA graphic card to connect to up to four VGA compatible monitors or projectors at the same time. Because it allows one computer to drive multiple monitors for simultaneous viewing, the 1:4 VGA Hub can be used to set up additional monitors in the workspace or to assist presentation environments by sending graphics to both monitors and projectors at the same time.

How It Works

Simply connect your computer's VGA graphic port to the 1:4 VGA Hub's input using the supplied cable. Up to four analog monitors or projectors are connected to the Hub's four VGA outputs. VGA output 1 is the primary connection and is used for the main display. VGA output 2, 3 and 4 will mirror the primary connection.

OPERATION NOTES

READ THESE NOTES BEFORE INSTALLING OR OPERATING THE 1:4 VGA HUB

- Display information (EDID) is not sent back to the source. Standard VESA resolutions should be output by most computers without the need of an EDID. If using a non-VESA standard resolution or if EDID is needed, an EDID storage and relay device is necessary. Gefen recommends the use of a DVI Detective (part #EXT-DVI-EDIDN or EXT-DVI-EDIDP) with two VGA to DVI adapters.

Features

- Connects computers with VGA graphics to four VGA compatible monitors
- Allows four VGA displays to be connected at the same time to the same video source
- Maintains highest video resolution up to 1920 x 1200 and 1080p
- Installs in seconds

Includes:

(1) 1:4 VGA Hub
(1) 6’ VGA cable (M-F)
(1) 5VDC Power Supply
(1) Users Manual

Front Panel

VGA Out 1 VGA Out 2 VGA Out 3 VGA Out 4

Back Panel

5V Power Input

5V Power LED

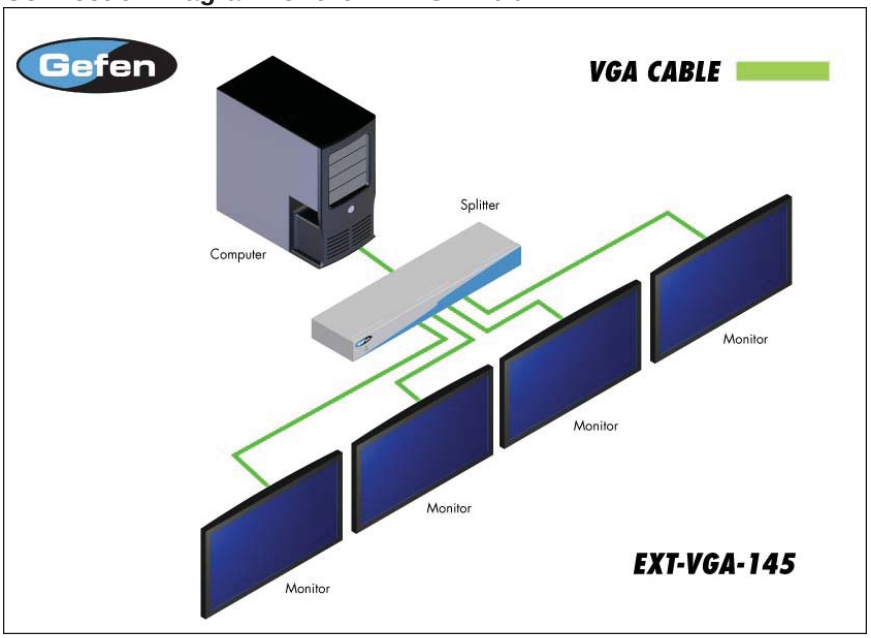
VGA In

How to Connect the 1:4 VGA Hub to your devices

1. Connect the supplied VGA cable from the VGA device into the 1:4 VGA Hub Input.
2. Connect the cables from your displays (monitor or projector) into the VGA Out slots in the back of the 1:4 VGA Hub
3. Plug the 5v power supply into the 1:4 VGA Hub.
4. Plug the 5v wall-mount power supply into the wall outlet.

NOTE: Display information (EDID) is not sent back to the source. Standard VESA resolutions should be output by most computers without the need of an EDID. If using a non-VESA standard resolution or if EDID is needed, an EDID storage and relay device is necessary. Gefen recommends the use of a DVI Detective (part# EXT-DVI-EDID, EXT-DVI-EDIDN, or EXT-DVI-EDIDP) with two VGA to DVI adapters.

Connection Diagram for the 1:4 VGA Hub:



SPECIFICATIONS

Video Amplifier Bandwidth ..... 350 MHz

Input Video Signal ..... 1.2 volts p-p

Maximum Resolutions supported ..... 1080p, 1920 x 1200, 2K

Horizontal Frequency Range: .....15 - 70 KHz

Vertical Frequency Range: .....30 - 170 Hz

Input VGA Connectors..... HD15 Male

Output VGA Connector..... HD15 female

Power Consumption ..... 5 Watts (max.)

Power Supply ..... 5V DC

Dimensions ..... 1”H x 5.6”W x 2.6”D

Shipping Weight ..... 2 Lbs

WARRANTY

Gefen warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen is notified within two (2) years from the date of shipment, Gefen will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

1. Proof of sale may be required in order to claim warranty.

2. Customers outside the US are responsible for shipping charges to and from Gefen.

3. Copper cables are limited to a 30 day warranty and cables must be in their original condition.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding the features and specifications is subject to change without notice.

For the latest warranty coverage information, please visit Gefen's Warranty web page at http://www.gefen.com/kvm/aboutus/warranty.jsp

PRODUCT REGISTRATION

Please register your product online by visiting Gefen's web site at http://www.gefen.com/kvm/Registry/Registration.jsp

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